

Art Unit: ***

CLMPTO

11/14/00

RT

1 – 5 (CANCELLED)

-
6. (AMENDED) A circuit integration module for insertion into an avionics cabinet, said module comprising:
- first and second circuit boards;
 - a faceplate coupled to each of said first and second circuit boards; and
 - a connector assembly coupled to each of said first and second circuit boards opposite said faceplate, wherein said connector assembly is configured to provide a direct electrical interface for integrating and allocating signals between said first and second circuit boards and said avionics cabinet.
-

7. The circuit integration module of claim 6 further comprising spacers separating said first and second circuit boards such that a gap between said first and second circuit boards is formed.
8. The circuit integration module of claim 7 wherein said gaps are configured to align with ventilation holes in said avionics cabinet.
9. The circuit integration module of claim 6 wherein said faceplate comprises a handle.
10. The circuit integration module of claim 9 wherein said handle is retractable.
11. The circuit integration module of claim 6 wherein said module is further configured to be inserted into slots in said avionics cabinet.
12. The circuit integration unit of claim 6 wherein said module is configured to be supported by at least one guide rail in said avionics cabinet.
13. The circuit integration module of claim 6 further comprising a first groove configured to interface with a first guide rail on said avionics cabinet.
14. The circuit integration module of claim 13 further comprising a second groove configured to interface with a second guide rail on said avionics cabinet.

Application/Control Number: 09/224,029

Page 4

Art Unit: ***

15 – 24 (CANCELLED)